

77-204713

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 60-204713
(43) Date of publication of application : 16.10.1985

(51) Int.Cl. A61K 9/10
A61K 31/16
A61K 35/36
C08K 8/00
C08L 1/00

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(54) WATER-BASED SUSPENSION COMPOSITION

(57) Abstract:

PURPOSE: An aqueous suspension composition that is obtained by adding ethenzamide and extract of licorice to a complex composed of crystalline cellulose and CMC-Na in a specific proportion, thus being used as antipyretic analgesic with uniform dispersibility and high dispersion stability.

CONSTITUTION: A complex of crystalline cellulose gel and CMC-Na in an amount of more than 2W/V%, preferably 2W4W/V% is combined with more than 1.5 times amount of ethenzamide and more than double amount of licorice extract so that the pH is adjusted to 4. Ethenzamide is hardly soluble in water and licorice extract has a problem in its solution stability, but the use of the suspension composition gives aqueous suspension of homogeneous dispersibility, no sedimentation with the passage of time and no cake formation. Further, pharmacological action is enhanced and side-effects are reduced.